New Zealand Office Contact Details
Tel: 0800 DCM456 (NZ only)
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oxi::lyser™ II

·· s::can plug & measure

··measuring principle: optical / fluorescence

··multiparameter sensor

·· ideal for surface water, ground water and drinking water, also waste water

·· oxi::lyser™ II monitors disolved oxygen & temperature

·· long term stable and maintenance free in operation

·· factory precalibrated

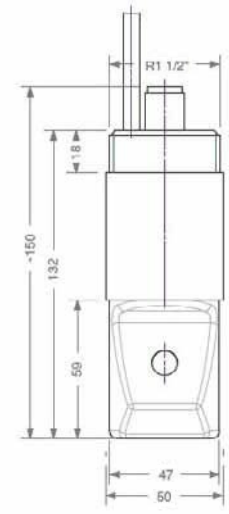
·· automatic cleaning with compressed air

·· mounting and measurement directly in the media (InSitu) or in Bypass

·· no flow necessary

·· operation via s::can terminals & s::can software

··minimal maintenance (no waste parts)



recommended accessories	
part number	**article name**
F-44-sensor	Bypass fitting for s::can sensors
F-50-4	system-panel for s::can sensors
C-210-sensor	10 m extension cable for s::can™ oxi::lyser™ and ammo::lyser™
F-11-sensor	carrier s::can sensors

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technical specification			
measuring principle	fluorescence	dimensions (diameter x length)	51 mm x 160 mm
measuring range application	0 ... 25 mg/l O_2	operating temperature	0 ... 60 °C
resolution	0,01 mg/l O_2	storage temperature	0 ... 60 °C
accuracy	1% of reading	operating pressure	0 ... 6.8 bar
reference standard	saturated natrium sulfite solution	installation / mounting	submersed or Bypass (flow cell)
integrated temperature sensor	0 ... 50 °C	process connection	R 1 1/2"
resolution temperature sensor	0.2 °C	pH range	2 ... 10
integration via	con::lyte 1 con::lyte 2 con::lyte 4 con::nect con::stat	protection class	IP 68
		automatic cleaning	media: compressed air permissible pressure: 2 ... 4.5 bar air volume: 5 ... 10 liter per cleaning cleaning duration: 4 ... 12 seconds per cleaning cleaning interval: depending on application
power supply	6 ... 16 VDC	conformity - EMC	EN 50081-2, EN55011
power consumption (max.)	0.32 W	conformity - safety	EN 61000-4, EN61010-1
interface connection to s::can terminals	sys plug, IP 68, RS485, 12 VDC	extended spare part warranty (optional)	3 years
cable length	10 m		
housing material	CPVC, stainless steel, epoxy		
weight (min.)	540 g		

surface water		typical concentration ranges for this application		
		O_2 [mg/l]	temperature [°C]	part number
oxi::lyser II (O_2, temp)	min.	0	0	E-501
	max.	25	50	

drinking water		typical concentration ranges for this application		
		O_2 [mg/l]	temperature [°C]	part number
oxi::lyser II (O_2, temp)	min.	0	0	E-501
	max.	25	50	